

PROJECT TITLE : TOBACCO ANALYSES  
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PERIOD COVERED : July 1st - July 30th 1980

## 1. SPECIAL TRIALS

### DENITRATED LTR (1) (2)

The reduction in equivalents of the K of the denitrated sheet (Lot 7195) in comparison to the non-denitrated standard (Lot 7198) is approximatively the same that is observed for the reduction of the N-NO<sub>3</sub>.

The ratio  $\frac{\Delta K [\text{eq}]}{\Delta \text{N-NO}_3 [\text{eq}]}$  is 0.81.

This might be an indication that the denitration was made by cristallisation of the KNO<sub>3</sub>.

### FERMENTED AND NON-FERMENTED SWISS TOBACCOS

We do not note any significant difference in regard to the tobacco analysis. However the smoke analysis of the non-fermented tobacco shows just a little less CO delivery and little more DPM delivery.

### MD TOBACCO, STORAGE INFLUENCE (3)

We have not yet begun the analyses.

## 2. ROUTINE TOBACCO LOT ANALYSES

### INTRODUCTION OF INPUTS ON EDP

The partial analytical results of forty lots were introduced in the analytical data list.

### LOTS UNDER EVALUATION

Thirty lots.

LOTS AVAILABLE, BUT NOT YET ANALYSED

About thirty lots.

3. ASSISTANCE TO OTHER PROJECTS

REFERENCE CIGARETTES

The reference cigarette of FLINT, FLINT ULTRA and COCKPIT BLUE have been made. The results were given to the respective project leaders.

RCB

The analytical results of lots No 0124, 0125 and 0126 are available. The lot No 0124 (Trial RCB No 7) has not yet been smoked due to a bad combustibility. We have received four samples (Lots No 0130 to 0133) with different additive formulae. The TLA are under way, but we are running into problems on the cigarette maker due to the high moisture content of the sheet.

NINO / RCB

We have received two samples of RCB-NINO trials : one with 100 % of NINO washed stems (Lot 7999) and the corresponding denitrated extract with NINO mass (Lot No 0128 ; trial NINO/RCB No 9), the other with 100 % of NINO washed stems (Lot No 7999) and the corresponding denitrated extract without NINO mass. As a first step we have made cigarettes by hand in order to determine how well these products burn.

*L. Joseph*  
L. Joseph

REFERENCES

- 1) Letter from LTR to H. Böckle, dated April 8th 1980
- 2) Tobacco analysis monthly report of June 1980
- 3) P. Karlé's report : "Chemical, physical and organoleptic examination of MD tobaccos..., of May 12, 1978", dated September 19th 1978.